EAST - [john.wsp:1]

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  - L1: (762) dimethylbutylamine
  - L2: (8080) triethylenediamine
  - L3: (18) l1 with l2
  - L4: (2072) dimethylethylamine
  - L5: (81) l1 with l4
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(69) Suitable tertiary amines include, for example, aliphatic, cycloaliphatic, araliphatic and like tertiary amines. In general, the tertiary amines employed herein may be substituted by linear or branched, aliphatic, cycloaliphatic or araliphatic hydrocarbon radicals which may also contain hetero atoms such as oxygen, sulphur or nitrogen. Specific examples of substituents attached to the nitrogen atom of the tertiary amine include, for example, methyl, ethyl, propyl, butyl, hexyl, octyl, lauryl, stearyl, cyclohexyl, benzyl, isopropyl, propenyl, butene-2-yl, CH.sub.3 --CH.sub.2 --S--CH.sub.2 --, CH.sub.3 --CH.sub.2 --O--CH.sub.2 --CH.sub.2 --, (CH.sub.3).sub.2 --N--CH.sub.2 --CH.sub.2 --, and the like. Tertiary amines containing hydroxy groups as well as additional products of low or relatively high molecular weight obtained from primary and/or secondary monoamines or polyamines and alkyl oxides such as ethylene oxide, propylene oxide, 1,2- or 2,3-butylene oxide, styrene oxide, epichlorohydrin and the like may also be used. Illustrative examples of tertiary amines employable herein include triethylenediamine, triethylamine, dimethylbutylamine, dimethyl-(3-ethoxypropyl)amine, dimethylcyclohexyl amine, dimethylstearyl amine, diethylbutyl amine, tri-n-propyl amine, tri-n-butyl amine, tetramethylethylene diamine, tetramethyltetramethylene diamine, tetramethylhexylmethylene diamine, N,N,N'N'N"-pentamethyldipropylenetriamine, methyl morpholine, ethyl morpholine, dimorpholinodiethylether, dimethyl piperazine, N-methyl-N-(2-dimethylaminoethyl)-piperazine, pyridine, benzylpyridine, 1,3-bis(dimethylamino)-2propanol, dimethylethanolamine, 1,4-ethylenepiperidine, diethylethanolamine, N-methyl-diethanolamine,

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	U		Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P		
9	☐	☐	US 5928723 A	19990727	22	Progress for producing surface modified metal oxide	427/213	427/215; 427/220;		Koehlert; Kenneth C. et al.	☑	☐	☐	☐	☐
10	☐	☐	US 4760099 A	19880726	12	Stabilizer-containing polyol compositions for	521/110	521/125; 521/128;		Canaday; John S. et al.	☑	☐	☐	☐	☐
11	☐	☐	US 4456696 A	19840626	5	Catalyst for making polyurethanes	502/167	521/115; 521/116;		Arbir; Francis W. et al.	☑	☐	☐	☐	☐
12	☐	☐	US 4275218 A	19810623	4	Sulfolene hydrogenation	549/87			Huxley; Edward E. et al.	☑	☐	☐	☐	☐
13	☐	☐	US 4247485 A	19810127	4	Process for the preparation of 2,2-dimethylolalkanals	568/464	568/497		Immel; Otto et al.	☑	☐	☐	☐	☐
14	☐	☐	US 4188327 A	19800212	5	Sulfolene hydrogenation	549/87			Kubicek; Donald H.	☑	☐	☐	☐	☐
15	☐	☐	US 3928385 A	19751223	5	Conversion of sulfolene to sulfolane in the presence of	549/87			Huxley; Edward E.	☑	☐	☐	☐	☐
16	☐	☐	US 3706687 A	19721219	7	URETHANE FOAM PRODUCTION AND CATALYST THEREFOR COMPRISING	521/118	502/167; 521/121;		RUDZKI HENRYK S	☑	☐	☐	☐	☐
17	☐	☐	US 3583926 A	19710608	5	STABLE POLYOL COMPOSITIONS AND USE THEREOF IN	252/182.27	521/124; 521/163;		FRINK JOHN W et al.	☑	☐	☐	☐	☐
18	☐	☐	US 3082270 A	19630319	9	Solvent extraction method	585/839	208/321; 208/324;		MCKINNIS ART C	☑	☐	☐	☐	☐

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